Core no. PS 1919-2 G.C. N 74° 59.8' W 11° 54.2': 1876 m b.s.l.
PS 1919-1 B.C. N 74° 59.8' W 11° 54.2' 1876 m b.s.l.

Age control: Date: 11/2000

- *N. pachyderma* sin. $\delta^{18}O$ record (Stein et al., 1996).
- AMS ^{14}C dating in Aarhus (#1291-1294) on *N. pachyderma* sin. (Stein et al., 1996)

Core fit :

- None

Surface sediment age :

-

Age/depth correlation :

Orig. depth [cm]	^{14}C age (lab. no.) [ky BP]	Error ±	Calendar years [ka]	Sed.rate [cm/ky]	Original interval/ material/ $\delta^{18}O$ stratigraphy	Core no.	Remarks
7	7.42	100	8.19	-.-	AMS ^{14}C dating	-2	
13	16.22	180	19.35	0.54	AMS ^{14}C dating	-2	
51	19.65	260	23.29	9.11	AMS ^{14}C dating	-2	
100	31.10	570	36.47	3.7	AMS ^{14}C dating	-2	

Remarks:

- Calendar years converted from ^{14}C years using INTCAL 98.

Original references:

- Stein, R., Nam, S., Grobe, H. & Hubberten, H. (1996): Late Quaternary glacial history and short term ice-rafted debris fluctuations along the East Greenland continental margin. - In: J.T.Andrews, W.E.N. Austin, H. Bergsten & A.E. Jennings (eds.): Late Quaternary Paleoceanography of the North Atlantic Margins. - Geol. Soc. Spec. Publ., 111, 135-151.

LGM time slice:

- GLAMAP: 13-33 cm orig. depth in core (-2)
- EPILOG: 18-42 cm orig. depth in core (-2)

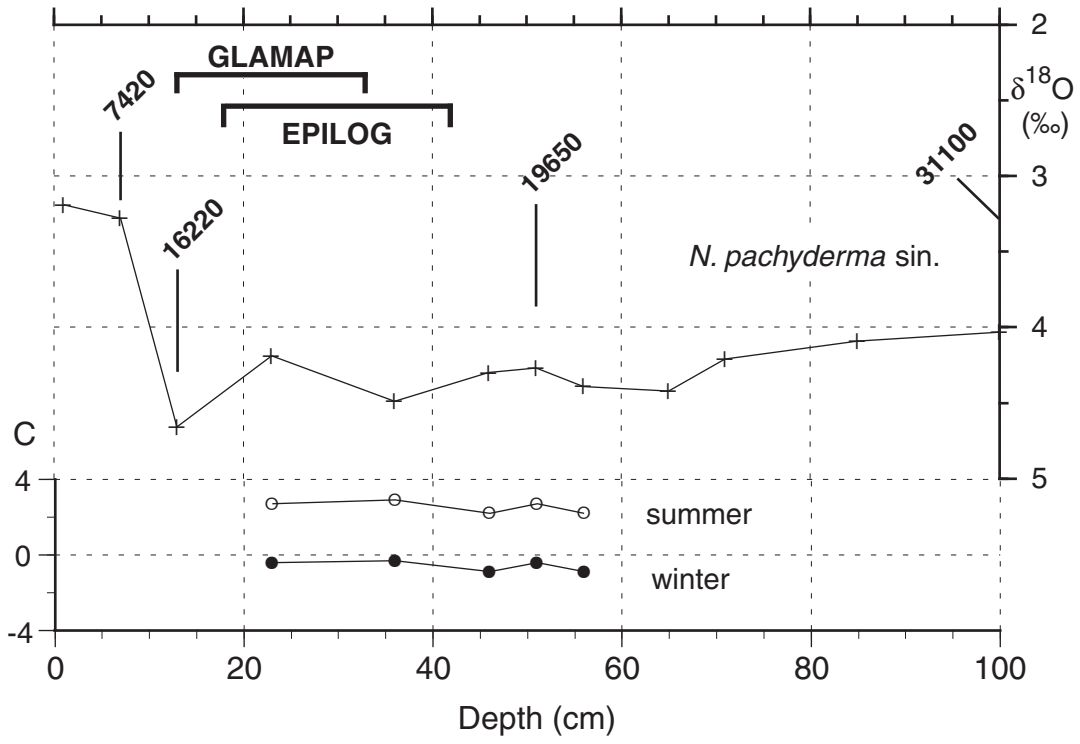
LGM foraminifera counts: Pflaumann (UP)

- GLAMAP: (in core -2) 23 cm orig. depth
- EPILOG: (in core -2) 23, 36 cm orig. depth

References for faunal analysis:

- Pflaumann et al., Paleoceanography, in prep.

PS 1919-2


GLAMAP
EPILOG
7420
16220
19650
31100
N. pachyderma sin.
summer
winter
C
4
0
-4
2
3
4
5
δ18O
(‰)
0
20
40
60
80
100
Depth (cm)